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3 APPARATUS AND METHOD FOR REMOTELY AND
4 AUTOMATICALLY CONTROLLING THE VOLUME OF AUDIO
5 SIGNALS PRODUCED BY A REMOTELY CONTROLLED AUDIO DEVICE
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7 ABSTRACT OF THE DISCLOSURE

8 An apparatus and method for remotely and automatically
9 adjusting the volume of a remotely controlled audio device. In
10 one embodiment, the apparatus comprises a sensor circuit for
11 continuously detecting audio signals generated by the audio
12 device, a difference circuit for determining the difference
13 between the amplitude of the detected audio signals and a
14 reference audio signal amplitude and for outputting a signal that
15 represents this difference, a difference signal transfer circuit
16 having an input for receiving the difference signal and an output
17 wherein the difference signal is coupled to the output when the
18 sensor circuit outputs a signal that indicates an audio signal
19 has been detected, and a control circuit for generating a control
20 signal that effects attenuation, augmentation or maintenance of
21 the amplitude of the audio signals generated by the audio device
22 in accordance with the difference signal when the sensor circuit
23 detects an audio signal.